

## Exhibit 300: Capital Asset Summary

### Part I: Summary Information And Justification (All Capital Assets)

#### Section A: Overview & Summary Information

**Date Investment First Submitted:** 2009-06-30  
**Date of Last Change to Activities:** 2012-08-22  
**Investment Auto Submission Date:** 2012-02-29  
**Date of Last Investment Detail Update:** 2011-09-20  
**Date of Last Exhibit 300A Update:** 2012-08-22  
**Date of Last Revision:** 2012-08-22

**Agency:** 024 - Department of Homeland Security      **Bureau:** 58 - Customs and Border Protection

**Investment Part Code:** 01

**Investment Category:** 00 - Agency Investments

**1. Name of this Investment:** CBP - TECS Modernization

**2. Unique Investment Identifier (UII):** 024-000005072

#### Section B: Investment Detail

- 1. Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

TECS is a key border enforcement system supporting the screening of travelers entering the United States by Customs and Border Protection and other Federal Agencies. TECS supports nearly 70,000 users who represent over 20 Federal agencies responsible for travel processing, investigations, vetting, entry/exit, and research requirements. TECS Modernization is a development and deployment project to modernize the screening capabilities and operational environment of the Legacy TECS and sustain them well into the future while enabling and supporting new screening requirements and functionalities. TECS Modernization is not dependent on any other Investments. The Advance Passenger Information System (APIS) is an investment presently in Sustainment that is dependent upon TECS Modernization. TECS Modernization will eventually modernize APIS and accept its functionality into TECS Modernization as Manifest Processing. TECS Modernization supports the CBP mission by enhancing the capability to protect the nation from the entry of dangerous or illegal people (DHS Strategic Goal), ensuring the efficient Flow of lawful people crossing U.S. Borders (CBP Strategic Goal), enabling effective decision making through improved intelligence and information sharing (CBP Strategic Goal). Modernizing TECS will reduce the possibility of missing someone who should have been intercepted by improving data integration and search capabilities, improve access to person-centric information by government officials, improve the effectiveness and efficiency of secondary inspections,

improve flexibility to incorporate new capabilities and respond to evolving threats, eliminate dated technology that cannot be relied upon to support the CBP mission over the long term, comply with CBP and DHS Service-Oriented Architecture directions by allowing person screening functions to be efficiently combined with other services to support end-to-end business processes. Primary beneficiaries of TECS Modernization are: The Department of Homeland Security (Customs and Border Protection, Immigration and Customs Enforcement, Citizenship and Immigration Service, US Coast Guard, Secret Service, U.S. VISIT, TSA), U.S. Department of State, DOJ (NCIC, Interpol interface, Terrorist Screening Center, Drug Enforcement Agency), Department of Commerce, Department of Treasury (IRS and FEA), National Insurance Crime Bureau, Nlets, and Foreign Governments (Mexico, Canada, Australia, New Zealand, CARICOM).

**2. How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.**

TECS Modernization addresses performance gaps that exist in the Legacy TECS. Specifically, TECS Modernization will improve access to person centric information by government officials; reduces the possibility of missing someone who should have been intercepted by improving data integration and search capabilities; improve the effectiveness and efficiency of Secondary Inspection; improve the flexibility to incorporate new capabilities and respond to evolving threats; eliminate dated technology that cannot be relied upon to support the CBP mission over the long term; and comply with CBP and DHS service-oriented architecture directions by allowing person screening functions to be efficiently combined with other services to support end-to-end business processes.

**3. Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.**

Secondary Inspection: I-94W form integrated to TECS Modernization - December 2011; SI enhancements implemented High Performance Primary Query - PQS APIS construction complete August 2011 High Performance Primary Query - PQS Land Critical Design Review September 2011 Travel Documents and Encounter Data: System Definition for Travel and Encounter Complete July 2010 Lookout Records Data Services Functional Analysis complete July 2010.

**4. Provide a list of planned accomplishments for current year (CY) and budget year (BY).**

Current Year 2012: High Performance Primary Query and Manifest Processing Production Readiness Review and Implementation for Primary Query System Land. Travel Documents and Encounter Data Critical Design Completed. Travel Documents and Encounter Data Enterprise Architecture Decision. Lookout Record Data Services Critical Design Review for Lookout Record Data. Lookout Records Data Services Production Readiness Review and Implementation for Screening Services. Primary Inspection Process Functional Analysis. Manifest Processing Functional Analysis. Budget Year 2013: Secondary Inspection Production Readiness Review, SI Land Secondary Inspection Acquisition Decision and Implementation, SI Land High Performance Primary Query and Manifest Processing

Production Readiness Review and implementation Primary Query System Land Travel Documents and Encounter Data Production Readiness Review and implementation Travel Documents Lookout Record Data Services Production Readiness Review and implementation Lookout Record Data. Primary Inspection Critical Design Review. Manifest Processing Critical Design Review.

5. **Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.**

2010-10-19

## Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	\$14.2	\$3.4	\$2.3	\$2.4
DME (Excluding Planning) Costs:	\$93.5	\$18.5	\$31.1	\$28.9
DME (Including Planning) Govt. FTEs:	\$0.2	\$0.0	\$0.0	\$0.0
Sub-Total DME (Including Govt. FTE):	\$107.9	\$21.9	\$33.4	\$31.3
O & M Costs:	\$4.1	\$28.0	\$16.5	\$23.6
O & M Govt. FTEs:	\$0.0	\$0.1	\$0.1	\$0.1
Sub-Total O & M Costs (Including Govt. FTE):	\$4.1	\$28.1	\$16.6	\$23.7
Total Cost (Including Govt. FTE):	\$112.0	\$50.0	\$50.0	\$55.0
Total Govt. FTE costs:	\$0.2	\$0.1	\$0.1	\$0.1
# of FTE rep by costs:	2	1	1	1
Total change from prior year final President's Budget (\$)		\$-23.9	\$-13.8	
Total change from prior year final President's Budget (%)		-32.00%	-22.00%	

**2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:**

Funding levels for FY 2013 and FY 2014 have increased from \$50 Million annually to \$55 Million annually. The investment will experience a commensurate reduction of \$2 Million in FY 2016 to \$48 Million and \$8 Million in FY 2017 to \$42 Million.

## Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded	7014	<a href="#">HSBP1010J00420</a>	HSHQDC07D00025	7001							
Awarded	7014	<a href="#">HSBP1004F02496</a>	TC2001025	7014							
Awarded	7014	<a href="#">HSBP1010F00283</a>	GS06F0367Z	4730							
Awarded	7014	<a href="#">HSBP1010J00855</a>	HSHQDC06D00020	7001							
Awarded	7014	HSBP1011F00310	GS35F0189U	7014							
Awarded	7014	<a href="#">HSBP1011F00500</a>	GS35F5924H	4730							
Awarded	7014	<a href="#">HSBP1012C00054</a>	HSBP1012R0055	7014							

**2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:**

Three of 10 active in-place or pending contracts used by and supporting TECS Modernization do not require earned value. Below is description of reasons and remediating activities (if necessary). Contract #1: Hardware and imbedded commercial software purchase. Earned Value not appropriate for one time delivery of commercial products. Contract #3: Provides specialized data center support without deliverables. This is a contract managed by Enterprise Data Management and Engineering Division for data center staff augmentation. Funding is made available on the basis of EDME annual phased spend plan. An EDME representative reports on a bi-weekly basis to TECS Mod IPT on progress that EDME makes supporting establishment and operations and maintenance of the infrastructure for TECS Modernization. Contract #6: Time and Materials contract that provided Program Management Office project management support. The staff members from this contract that support TECS Modernization normally number no more than three. They work directly for the program manager and are not tasked with deliverables. The work of this group is closely monitored by the TECS Modernization Program Control Officer who reports on a weekly basis to the Program Manager. This contract will be replaced in FY 2012 with the pending contract depicted on line #10. This contract will require Earned Value Management.



## Exhibit 300B: Performance Measurement Report

### Section A: General Information

**Date of Last Change to Activities:** 2012-08-22

### Section B: Project Execution Data

**Table II.B.1 Projects**

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
1	Secondary Inspection	SI will provide CBP Officers with a Web-based application to support admission and enforcement decisions for secondary processing. This application consolidates and replaces the functionality of three legacy applications, displays information that was provided at primary, and provides a single sign-on access for ease and efficiency to the end user.			
2	High Performance Primary Query and Manifest Processing	HPPQ will provide CBP Officers with improved backend processing capabilities to perform person/conveyance searches, better integrate available data within TECS to improve the effectiveness and efficiency of primary inspections. HPPQ includes the modernization of the Advance Passenger Information System (APIS), including external interfaces.			
3	Travel Documents and Encounter Data	TDDE will provide improved functionality for querying and/or			



Table II.B.1 Projects

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
		validating travel documents and encounter data for passengers and conveyances. TDED will also provide a modernized Web-based User Interface to support both CBP and external partners in their mission functions.			
4	Lookout Record Data Services	LRDS will migrate mainframe-based lookout records to target infrastructure. The project will provide CBP and external agencies the ability to create, updates, and access lookout records and vetting via services compliant with CBP and DHS standards.			
5	Secondary Inspection Maintenance	SI will provide limited enhancements to modernized Consolidated Secondary Inspection System.			

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M )	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
1	Secondary Inspection							
2	High Performance Primary Query and Manifest Processing							
3	Travel Documents and Encounter Data							
4	Lookout Record Data Services							
5	Secondary Inspection Maintenance							

Key Deliverables								
Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days )	Schedule Variance (%)
1	Secondary Inspection	Completion of SI Land System Definition Pre-Holistic	2010-12-14		2010-12-14	120	0	0.00%
1	Secondary Inspection	Completion of Secondary Inspection Land System Design Post Holistic	2011-02-17		2011-02-17	139	0	0.00%
4	Lookout Record Data Services	Lookout Record Data Services Functional Planning	2011-06-20		2011-06-16	201	4	1.99%
3	Travel Documents and Encounter Data	System Definition (Technical Requirements)	2011-07-29		2011-07-14	179	15	8.38%
1	Secondary Inspection	Completion of Secondary Inspection Land System Design Post-Holistic	2011-09-08	2011-11-03	2011-11-18	38	-71	-186.84%
2	High Performance Primary Query and Manifest Processing	HPPQ and MP PQS Land Requirements Definition	2011-09-12	2012-03-01	2011-11-10	181	-59	-32.60%
1	Secondary Inspection	Completion of Secondary Inspection Land System Definition Post Holisticinterval Development / Data Migration to Exadata	2011-09-30	2011-09-30	2011-08-26	59	35	59.32%
2	High Performance Primary Query and Manifest Processing	HPPQ and MP PQS Land System Design	2011-11-17	2012-03-01	2011-12-16	185	-29	-15.68%
3	Travel Documents and Encounter Data	System Design	2011-12-15	2012-03-23	2012-03-22	153	-98	-64.05%
4	Lookout Record Data Services	Person Lookout Query and Screen Services Requirements Definition	2012-02-01	2012-03-07	2012-03-19	181	-47	-25.97%

Key Deliverables								
Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days )	Schedule Variance (%)
4	Lookout Record Data Services	Person Lookout Query and Services System Design	2012-02-17	2012-03-07	2012-03-23	179	-35	-19.55%
4	Lookout Record Data Services	Requirements Definition for Vehicle, Vessel, Aircraft, Business and Thing Lookout Queries. LRDS Release 1B	2012-09-26	2012-09-26		177	0	0.00%
4	Lookout Record Data Services	System Design for Lookout Record Data Services Release 1B	2012-10-11	2012-10-11		182	0	0.00%

## Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
increase in the number of Person Subject records that include (or link to) a photo to enable a CBP inspector to verify an identity against a photo	Number	Mission and Business Results - Services for Citizens	Over target	0.000000	0.000000	0.000000	120000.000000	Monthly
% of secondary Inspection referrals recorded in the Single Encounter Database	Percent	Customer Results - Service Quality	Over target	0.000000	0.000000	0.000000	40.000000	Monthly
Percent of time that system capabilities are available.	Percent	Technology - Reliability and Availability	Over target	99.700000	99.700000	99.700000	99.700000	Monthly
Response Times for Transactions; System response times in seconds for queries and data entry transactions.	Number	Technology - Efficiency	Under target	6.000000	6.000000	6.000000	6.000000	Monthly
Primary Query Response Time in seconds to complete primary query processing, including Lookout Records, crossing history, travel document status, and photo retrieval.	Number	Technology - Efficiency	Under target	0.000000	0.000000	0.000000	1.000000	Monthly